

Mahamadou Ali Thera

List of Publications by Year in descending order

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94
papers

4,947
citations

109321

35
h-index

98798

67
g-index

100
all docs

100
docs citations

100
times ranked

6759
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genetic Structure and History of Africans and African Americans. <i>Science</i> , 2009, 324, 1035-1044.	12.6	1,267
2	A Field Trial to Assess a Blood-Stage Malaria Vaccine. <i>New England Journal of Medicine</i> , 2011, 365, 1004-1013.	27.0	311
3	Blood group O protects against severe <i>Plasmodium falciparum</i> malaria through the mechanism of reduced rosetting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17471-17476.	7.1	251
4	Differential var gene transcription in <i>Plasmodium falciparum</i> isolates from patients with cerebral malaria compared to hyperparasitaemia. <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 211-218.	1.1	180
5	Towards an RTS,S-based, multi-stage, multi-antigen vaccine against falciparum malaria: progress at the Walter Reed Army Institute of Research. <i>Vaccine</i> , 2005, 23, 2243-2250.	3.8	174
6	Extreme Polymorphism in a Vaccine Antigen and Risk of Clinical Malaria: Implications for Vaccine Development. <i>Science Translational Medicine</i> , 2009, 1, 2ra5.	12.4	154
7	Safety and Immunogenicity of an AMA-1 Malaria Vaccine in Malian Adults: Results of a Phase 1 Randomized Controlled Trial. <i>PLoS ONE</i> , 2008, 3, e1465.	2.5	104
8	Dynamics of Polymorphism in a Malaria Vaccine Antigen at a Vaccine-Testing Site in Mali. <i>PLoS Medicine</i> , 2007, 4, e93.	8.4	94
9	High Levels of <i>Plasmodium falciparum</i> Rosetting in All Clinical Forms of Severe Malaria in African Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 987-993.	1.4	94
10	Polymorphisms in the K13-Propeller Gene in Artemisinin-Susceptible <i>Plasmodium falciparum</i> Parasites from Bougoula-Hameau and Bandiagara, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 1202-1206.	1.4	89
11	Population structure of the genes encoding the polymorphic <i>Plasmodium falciparum</i> apical membrane antigen 1: Implications for vaccine design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7857-7862.	7.1	83
12	<i>Plasmodium vivax</i> Infections of Duffy-Negative Erythrocytes: Historically Undetected or a Recent Adaptation?. <i>Trends in Parasitology</i> , 2018, 34, 420-429.	3.3	81
13	Season, fever prevalence and pyrogenic threshold for malaria disease definition in an endemic area of Mali. <i>Tropical Medicine and International Health</i> , 2005, 10, 550-556.	2.3	69
14	Molecular Basis of Allele-Specific Efficacy of a Blood-Stage Malaria Vaccine: Vaccine Development Implications. <i>Journal of Infectious Diseases</i> , 2013, 207, 511-519.	4.0	66
15	First Detection of <i>Leishmania major</i> DNA in <i>Sergentomyia (Spelaeomyia) darlingi</i> from Cutaneous Leishmaniasis Foci in Mali. <i>PLoS ONE</i> , 2012, 7, e28266.	2.5	66
16	Impact of pre-season treatment on incidence of falciparum malaria and parasite density at a site for testing malaria vaccines in Bandiagara, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 604-610.	1.4	66
17	Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. <i>ELife</i> , 2017, 6, .	6.0	64
18	Safety and Allele-Specific Immunogenicity of a Malaria Vaccine in Malian Adults: Results of a Phase I Randomized Trial. <i>PLOS Clinical Trials</i> , 2006, 1, e34.	3.5	64

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19	Preventive malaria treatment among school-aged children in sub-Saharan Africa: a systematic review and meta-analyses. <i>The Lancet Global Health</i> , 2020, 8, e1499-e1511.	6.3	60
20	Comparison of Biological Activity of Human Anti-Apical Membrane Antigen-1 Antibodies Induced by Natural Infection and Vaccination. <i>Journal of Immunology</i> , 2008, 181, 8776-8783.	0.8	59
21	No Evidence of Delayed Parasite Clearance after Oral Artesunate Treatment of Uncomplicated <i>Falciparum</i> Malaria in Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 23-28.	1.4	58
22	Risk factors for malaria infection and anemia for pregnant women in the Sahel area of Bandiagara, Mali. <i>Acta Tropica</i> , 2003, 89, 17-23.	2.0	54
23	Safety and Immunogenicity of an AMA1 Malaria Vaccine in Malian Children: Results of a Phase 1 Randomized Controlled Trial. <i>PLoS ONE</i> , 2010, 5, e9041.	2.5	54
24	Impact of a <i>Plasmodium falciparum</i> AMA1 Vaccine on Antibody Responses in Adult Malians. <i>PLoS ONE</i> , 2007, 2, e1045.	2.5	53
25	<i>Plasmodium vivax</i> Infections over 3 Years in Duffy Blood Group Negative Malians in Bandiagara, Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 744-752.	1.4	52
26	Vaccines for Malaria: How Close Are We?. <i>Annual Review of Medicine</i> , 2012, 63, 345-357.	12.2	50
27	Stable malaria incidence despite scaling up control strategies in a malaria vaccine-testing site in Mali. <i>Malaria Journal</i> , 2014, 13, 374.	2.3	47
28	Valid Consent for Genomic Epidemiology in Developing Countries. <i>PLoS Medicine</i> , 2007, 4, e95.	8.4	46
29	LOW MULTIPLICATION RATES OF AFRICAN <i>PLASMODIUM FALCIPARUM</i> ISOLATES AND LACK OF ASSOCIATION OF MULTIPLICATION RATE AND RED BLOOD CELL SELECTIVITY WITH MALARIA VIRULENCE. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 554-563.	1.4	45
30	Spatio-temporal analysis of malaria within a transmission season in Bandiagara, Mali. <i>Malaria Journal</i> , 2013, 12, 82.	2.3	44
31	Evaluation of an Immunofluorescent-Antibody Test Using Monoclonal Antibodies Directed against <i>Enterocytozoon bienewisi</i> and <i>Encephalitozoon intestinalis</i> for Diagnosis of Intestinal Microsporidiosis in Bamako (Mali). <i>Journal of Clinical Microbiology</i> , 2002, 40, 1715-1718.	3.9	42
32	Engaging diverse communities participating in clinical trials: case examples from across Africa. <i>Malaria Journal</i> , 2010, 9, 86.	2.3	41
33	Candidate Polymorphisms and Severe Malaria in a Malian Population. <i>PLoS ONE</i> , 2012, 7, e43987.	2.5	41
34	Dermatophytosis among Schoolchildren in Three Eco-climatic Zones of Mali. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004675.	3.0	39
35	Extended Safety, Immunogenicity and Efficacy of a Blood-Stage Malaria Vaccine in Malian Children: 24-Month Follow-Up of a Randomized, Double-Blinded Phase 2 Trial. <i>PLoS ONE</i> , 2013, 8, e79323.	2.5	38
36	Low multiplication rates of African <i>Plasmodium falciparum</i> isolates and lack of association of multiplication rate and red blood cell selectivity with malaria virulence. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 554-63.	1.4	37

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37	A high-throughput method for quantifying alleles and haplotypes of the malaria vaccine candidate <i>Plasmodium falciparum</i> merozoite surface protein-1 19 kDa. <i>Malaria Journal</i> , 2006, 5, 31.	2.3	36
38	Blastocystis Colonization Is Associated with Increased Diversity and Altered Gut Bacterial Communities in Healthy Malian Children. <i>Microorganisms</i> , 2019, 7, 649.	3.6	35
39	The etiology of severe anemia in a village and a periurban area in Mali. <i>Blood</i> , 2004, 104, 1198-1200.	1.4	34
40	Clinical evidence of the role of <i>Methanobrevibacter smithii</i> in severe acute malnutrition. <i>Scientific Reports</i> , 2021, 11, 5426.	3.3	33
41	Chloroquine treatment of uncomplicated <i>Plasmodium falciparum</i> malaria in Mali: parasitologic resistance versus therapeutic efficacy.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001, 64, 242-246.	1.4	32
42	Children with cerebral malaria or severe malarial anaemia lack immunity to distinct variant surface antigen subsets. <i>Scientific Reports</i> , 2018, 8, 6281.	3.3	31
43	Next Generation Sequencing to Detect Variation in the <i>Plasmodium falciparum</i> Circumsporozoite Protein. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 775-781.	1.4	30
44	<i>Plasmodium vivax</i> malaria in Mali: a study from three different regions. <i>Malaria Journal</i> , 2012, 11, 405.	2.3	29
45	Spatio-Temporal Dynamics of Asymptomatic Malaria: Bridging the Gap Between Annual Malaria Resurgences in a Sahelian Environment. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1761-1769.	1.4	28
46	Two complement receptor one alleles have opposing associations with cerebral malaria and interact with α -thalassaemia. <i>ELife</i> , 2018, 7, .	6.0	25
47	Microarray analyses reveal strain-specific antibody responses to <i>Plasmodium falciparum</i> apical membrane antigen 1 variants following natural infection and vaccination. <i>Scientific Reports</i> , 2020, 10, 3952.	3.3	24
48	<i>Plasmodium falciparum</i> transcription in different clinical presentations of malaria associates with circulation time of infected erythrocytes. <i>Nature Communications</i> , 2021, 12, 4711.	12.8	24
49	A randomized trial of artesunate-sulfamethoxypyrazine-pyrimethamine versus artemether-lumefantrine for the treatment of uncomplicated <i>Plasmodium falciparum</i> malaria in Mali. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 630-6.	1.4	24
50	Understandings of genomic research in developing countries: a qualitative study of the views of MalariaGEN participants in Mali. <i>BMC Medical Ethics</i> , 2015, 16, 42.	2.4	23
51	Antibodies to Peptides in Semiconserved Domains of RIFINs and STEVORs Correlate with Malaria Exposure. <i>MSphere</i> , 2019, 4, .	2.9	23
52	Phase 1 randomized controlled trial to evaluate the safety and immunogenicity of recombinant <i>Pichia pastoris</i> -expressed <i>Plasmodium falciparum</i> apical membrane antigen 1 (PfAMA1-FVO [25-545]) in healthy Malian adults in Bandiagara. <i>Malaria Journal</i> , 2016, 15, 442.	2.3	22
53	Variation in the Circumsporozoite Protein of <i>Plasmodium falciparum</i> : Vaccine Development Implications. <i>PLoS ONE</i> , 2014, 9, e101783.	2.5	22
54	Seroreactivity to <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein 1 Intracellular Domain in Malaria-Exposed Children and Adults. <i>Journal of Infectious Diseases</i> , 2013, 208, 1514-1519.	4.0	20

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55	Seroreactivity to a Large Panel of Field-Derived Plasmodium falciparum Apical Membrane Antigen 1 and Merozoite Surface Protein 1 Variants Reflects Seasonal and Lifetime Acquired Responses to Malaria. American Journal of Tropical Medicine and Hygiene, 2015, 92, 9-12.	1.4	20
56	Expression of complement and toll-like receptor pathway genes is associated with malaria severity in Mali: a pilot case control study. Malaria Journal, 2016, 15, 150.	2.3	18
57	Molecular Detection of Microorganisms Associated with Small Mammals and Their Ectoparasites in Mali. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2542-2551.	1.4	18
58	School-aged children based seasonal malaria chemoprevention using artesunate-amodiaquine in Mali. Parasite Epidemiology and Control, 2018, 3, 96-105.	1.8	17
59	A comparison of anemia in hemoglobin C and normal hemoglobin A children with Plasmodium falciparum malaria. Acta Tropica, 2004, 90, 295-299.	2.0	15
60	Strain-specific Plasmodium falciparum growth inhibition among Malian children immunized with a blood-stage malaria vaccine. PLoS ONE, 2017, 12, e0173294.	2.5	14
61	Platelet-mediated clumping of Plasmodium falciparum infected erythrocytes is associated with high parasitemia but not severe clinical manifestations of malaria in African children. American Journal of Tropical Medicine and Hygiene, 2007, 77, 943-6.	1.4	14
62	Hemoglobin C Trait Provides Protection From Clinical Falciparum Malaria in Malian Children. Journal of Infectious Diseases, 2015, 212, 1778-1786.	4.0	13
63	New var reconstruction algorithm exposes high var sequence diversity in a single geographic location in Mali. Genome Medicine, 2017, 9, 30.	8.2	13
64	Malaria severity: Possible influence of the E670G PCSK9 polymorphism: A preliminary case-control study in Malian children. PLoS ONE, 2018, 13, e0192850.	2.5	12
65	Differential Recognition of Terminal Extracellular Plasmodium falciparum VAR2CSA Domains by Sera from Multigravid, Malaria-Exposed Malian Women. American Journal of Tropical Medicine and Hygiene, 2015, 92, 1190-1194.	1.4	11
66	Visceral Leishmaniasis in West Africa: Clinical Characteristics, Vectors, and Reservoirs. Journal of Parasitology Research, 2019, 2019, 1-8.	1.2	11
67	Zika Virus Circulation in Mali. Emerging Infectious Diseases, 2020, 26, 945-952.	4.3	11
68	Strain-specific Plasmodium falciparum multifunctional CD4+ T cell cytokine expression in Malian children immunized with the FMP2.1/AS02A vaccine candidate. Vaccine, 2016, 34, 2546-2555.	3.8	10
69	Acceptability and efficacy of intra-rectal quinine alkaloids as a pre-transfer treatment of non-per os malaria in peripheral health care facilities in Mopti, Mali. Malaria Journal, 2007, 6, 68.	2.3	9
70	Preliminary Study of the Fungal Ecology at the Haematology and Medical-Oncology Ward in Bamako, Mali. Mycopathologia, 2014, 178, 103-109.	3.1	9
71	Epidemiology of the outbreak, vectors and reservoirs of cutaneous leishmaniasis in Mali: A systematic review and meta-analysis. Asian Pacific Journal of Tropical Medicine, 2016, 9, 985-990.	0.8	8
72	Immunoglobulin G subclass and antibody avidity responses in Malian children immunized with Plasmodium falciparum apical membrane antigen 1 vaccine candidate FMP2.1/AS02A. Malaria Journal, 2019, 18, 13.	2.3	8

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73	Listeria monocytogenes in human milk in Mali: A potential health emergency. Journal of Infection, 2020, 80, 121-142.	3.3	7
74	Host and Parasite Transcriptomic Changes upon Successive Plasmodium falciparum Infections in Early Childhood. MSystems, 2020, 5, .	3.8	7
75	<i>In vitro</i> activity of aminosterols against dermatophytes. Medical Mycology, 2013, 51, 309-312.	0.7	6
76	Serologic responses to the PfEMP1 DBL-CIDR head structure may be a better indicator of malaria exposure than those to the DBL- α tag. Malaria Journal, 2019, 18, 273.	2.3	6
77	A Double-Blind Randomized Placebo-Controlled Clinical Trial of Squalamine Ointment for tinea capitis Treatment. Mycopathologia, 2015, 179, 187-193.	3.1	5
78	Epitope-based sieve analysis of Plasmodium falciparum sequences from a FMP2.1/AS02A vaccine trial is consistent with differential vaccine efficacy against immunologically relevant AMA1 variants. Vaccine, 2020, 38, 5700-5706.	3.8	5
79	RARE PLASMODIUM FALCIPARUM MEROZOITE SURFACE PROTEIN 1 19-KDA (MSP-119) HAPLOTYPES IDENTIFIED IN MALI USING HIGH-THROUGHPUT GENOTYPING METHODS. American Journal of Tropical Medicine and Hygiene, 2007, 76, 855-859.	1.4	5
80	Short report: rare Plasmodium falciparum merozoite surface protein 1 19-kda (msp-1(19)) haplotypes identified in Mali using high-throughput genotyping methods. American Journal of Tropical Medicine and Hygiene, 2007, 76, 855-9.	1.4	5
81	Virgibacillus douboii sp. nov., a halophilic bacterium isolated from the stool of a healthy child in Mali. New Microbes and New Infections, 2021, 42, 100890.	1.6	4
82	Interaction between environment, nutrient-derived metabolites and immunity: A possible role in malaria susceptibility/resistance in Fulani and Dogon of Mali. PLoS ONE, 2017, 12, e0189724.	2.5	4
83	Model-based assessment of Chikungunya and O α ™nyong-nyong virus circulation in Mali in a serological cross-reactivity context. Nature Communications, 2021, 12, 6735.	12.8	4
84	Successful Profiling of Plasmodium falciparum <i>var</i> Gene Expression in Clinical Samples via a Custom Capture Array. MSystems, 2021, 6, e0022621.	3.8	4
85	Draft Genome Sequence of Bacillus velezensis Strain Marseille-Q1230, Isolated from a Stool Sample from a Severely Malnourished Child. Microbiology Resource Announcements, 2021, 10, e0051421.	0.6	3
86	Epitope-Specific Antibody Responses to a Plasmodium falciparum Subunit Vaccine Target in a Malaria-Endemic Population. Journal of Infectious Diseases, 2021, 223, 1943-1947.	4.0	3
87	COVID-19 in Africa: What else?. New Microbes and New Infections, 2022, 47, 100982.	1.6	3
88	Distribution spatio-temporelle de la faune de ph β otomes en zones urbaine et p α riurbaine de Bamako, Mali. Annales De La Societe Entomologique De France, 2016, 52, 95-101.	0.9	2
89	High-throughput detection of eukaryotic parasites and arboviruses in mosquitoes. Biology Open, 2021, 10, .	1.2	2
90	Malian adults maintain serologic responses to virulent PfEMP1s amid seasonal patterns of fluctuation. Scientific Reports, 2021, 11, 14401.	3.3	2

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91	Immunoprofiles associated with controlled human malaria infection and naturally acquired immunity identify a shared IgA pre-erythrocytic immunoproteome. <i>Npj Vaccines</i> , 2021, 6, 115.	6.0	2
92	Genetic polymorphisms with erythrocyte traits in malaria endemic areas of Mali. <i>PLoS ONE</i> , 2019, 14, e0209966.	2.5	1
93	Monitoring of the Sensitivity In Vivo of <i>Plasmodium falciparum</i> to Artemether-Lumefantrine in Mali. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 13.	2.3	1
94	Leishmaniases in West Africa: Past and Current. , 0, , .		0